

sea level, beach land, common, no. 949 (coll. *J. P. Wilson*), Sept. 1929 (low tree up to 45 cm. in diam.; leaves large, glossy; flowers yellow; fruit 3 cm. long, 2.5. cm in diam.).—Vernacular name “Nimkove.”

A species which seems to belong to the same group as *D. amooroides* Miq. from New Guinea and the Malayan Islands and as *D. rufum* Benth. from Australia.

Dysoxylum bijugum Seemann, Fl. Vit. 37 (1865). Without label. Also New Caledonia, New South Wales and Fiji Islands.

Dysoxylum Kunthianum Miquel in Ann. Mus. Bot. Lugd.-Bat. iv. 13 (1868).

Banks Group: Vanua Lava, sea level, rain-forest, common, no. 492, July 18, 1928 (large tree up to 20 m. high; flowers white).—Also Bismarck Islands, New Guinea.

Aglaia elaeagnoides Bentham, Fl. Austral. i. 383 (1863).

Eromanga: Dillon Bay, sea level, rain-forest, common, no. 357, June 3, 1928 (leaves light colored underneath; wood used for spear making). **Anenityum**: Aname, alt. 150 m. seashore, common, no. 987 (coll. *J. P. Wilson*), Sept. 1929 (small tree to 22.5 cm. in diam.; leaves medium; flowers very small, yellow, in clusters; fruit brown).—Also New Caledonia, Queensland, North Australia, New Guinea, Malaysia.—Vernacular name “Nitheow” (under no. 987) and “Ney-vey-varl” (under no. 357).

Aglaia sp. aff. *A. Diepenhorstii* Miq.

Banks Group: Vanua Lava, alt. 500 m., rain-forest, no. 482, July 16, 1928 (tree up to 10 m. high; fruit brown when ripe).

Carapa obovata Blume, Bijdr. Fl. Ned. Ind. i. 179 (1825).

Efate: Undine Bay, sea level, over salt water creek only, common, no. 200, April 24, 1928 (flowers white; fruit globular, about 7 cm. in diam.).—Also Queensland, North Australia, New Caledonia, Fiji, Tonga, Solomon and Bismarck Islands, Malaysia.

CELASTRACEAE

Elaeodendron artense Montrousier in Mém. Acad. Lyon, x. 194 (1860).

Anenityum: Anelgauhat Bay, alt. 60 m., rain-forest, common, no. 755, Feb. 12, 1929 (small tree up to 9 m. high; petals cream-colored, stigma light green).—Also Art Island.¹

RHAMNACEAE

Berchemia Fournieri Pancher & Sebert in Sebert, Not. Bois Nouv. Caléd. 236 (1874) ?

¹ A small island off the north coast of New Caledonia.

Aneityum: Anelgauhat Bay, alt. 30 m., rain-forest, common, no. 738, Feb. 12, 1929 (vine growing up to the tops of rain-forest trees; leaves dark glossy green; fruit purple when ripe, 0.7 cm. long, 0.4 cm. in diam.; wood used by natives for bows).—Also New Caledonia, Loyalty Islands.

Colubrina asiatica Brongniart in Ann. Sci. Nat. sér. 1, x. 369 (1827).

Eromanga: Dillon Bay, sea level, rain-forest, common, no. 256, May 15, 1928 (vine growing up to the tops of trees; fruit black when ripe). *Banks Group*: Vanua Lava, sea level, rain-forest, common, no. 441, July 9, 1928 (vine growing over small trees and bushes; flower yellowish green).—Already found on Aneityum, Eromanga and Efate; also New Caledonia, Fiji, Tonga, Samoa, Cook, Society, Marquesas, Mariana, Caroline, Solomon, Bismarck and Admiralty Islands, New Guinea, Malaysia.—Vernacular name "Nurse-ce-paporo" (under no. 256).

Alphitonia zizyphoides (Spreng.) A. Gray, Bot. Wilkes U. S. Explor. Exped. i. 278 (1854).

Aneityum: Anelgauhat Bay, alt. 90 m., rain forest, common, no. 769, Feb. 14, 1929 (large tree up to 15 m. high; leaves dark green above, silvery beneath; flowers white). *Efate*: Undine Bay, alt. 200 m., rain-forest, common, no. 217, April 27, 1928 (spreading tree up to 15 m. high; common throughout the Islands). *Banks Group*: Vanua Lava, sea level, rain-forest, common, no. 446, July 9, 1928 (medium sized tree up to 15 m. high; common throughout the group).—Also Fiji, Samoa, Society and Cook Islands.

Gouania efatensis Guillaumin, sp. nov.

Scandens, ramosus, ramis ramulisque primum rufo-hirsutis deinde subglabrescentibus, foliis ovatis (usque ad 7 cm. x 5 cm.) apiculatis apice excepto integerrimis infra dense lanuginosis supra sparse in nervis densius tomentosus, petiolo hispidulo 1.5 cm. longo, cirrhis ad apicem oppositis; spicae terminales usque ad 10 cm. longae, dense hispidulae, floribus minimis fasciculatis vel solitaribus subsessilibus, calyce patelliformi extra tomentoso 2 mm. longo, lobis triangularibus acutis, petalis obovatis cucullatis lobis calycinis aequilongis apice emarginatis, staminibus in petalis absconditis aequilongisque glabris, antheris quam filamenta 3-plo brevioribus subglobosis utrinque excisis, disco lato glabro tubo calycino adnato et ovarium tegente, stylo brevi apice 2-fido glabro.

Efate: Fila Island, Vila, sea level, seashore, common, no. 186, April 13, 1928 (vine growing over small trees overhanging the water).